

Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	
				Confirmation Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	
				Q78520	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
<del>JS</del>		US 5,130,870		07/92	JABBARI
<del>JS</del>		US 5,537,272		07/96	KAZMIERCZAK et al.
<del>JS</del>		US 3,410,154		11/12/1968	DEAKIN
<del>JS</del>		US 3,799,619		03/26/1974	LaBARBER
<del>JS</del>		US 3,854,347		12/17/1974	HELLERICH
<del>JS</del>		US 5,177,731		01/05/1993	Shinsaku TANAKA et al.
<del>JS</del>		US 3,652,235	A	3/1972	MANILLA et al.
<del>JS</del>		US 4,674,356	A	6/1987	KILGORE
<del>JS</del>		US 5,256,037	A	10/1993	CHATELAIN
<del>JS</del>		US 5,352,947	A	10/1994	MACLEOD
<del>JS</del>		US 5,690,017	A	11/1997	RIEDLINGER
<del>JS</del>		US 5,829,318	A	11/1998	HANNAH et al.
<del>JS</del>		US 5,903,540	A	5/1999	RO et al.
<del>JS</del>		US 5,941,133	A	8/1999	WIERZBA et al.
<del>JS</del>		US 6,005,311	A	12/1999	MATSUSHIMA
<del>JS</del>		US 6,005,749	A	12/1999	IKUTA et al.
<del>JS</del>		US 6,065,368	A	5/2000	SOHN
<del>JS</del>		US 4,808,441	A	2/1989	CHATTHQUA
<del>JS</del>		US 6,198,715	B1	3/2001	KOUNO et al.
<del>JS</del>		US 6,295,269	B1	9/2001	TAKEUCHI et al.
<del>JS</del>		US 4,075,909	A	2/1978	DEAKIN
<del>JS</del>		US 6,535,475		3/2003	SOHN et al.
<del>JS</del>		US 6,456,583	B1	9/2002	SOHN et al.
<del>JS</del>		US 6,373,154	B1	4/2002	SOHN et al.
<del>JS</del>		US 4,730,299		3/1988	KAMOSHITA et al.
<del>JS</del>		US 5,111,713	A	5/1992	CAMERON et al.
<del>JS</del>		US 5,391,952	A	2/1995	SIMAZU et al.
<del>JS</del>		US 6,061,325	A	5/2000	ZAUN
<del>JS</del>		US 6,155,134	A	12/2000	IKUTA et al.
<del>JS</del>		US 5,555,144	A	9/1996	WOOD et al.
<del>JS</del>		US 6,125,098	A	9/2000	OSAWA
<del>JS</del>		US 4,561,035		12/1985	MCDORMAN et al.
<del>JS</del>		US 6,388,981	B1	5/2002	SOHN et al.
		US			
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		US			

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				Application Number	
				Confirmation Number	Unknown
				Filing Date	November 18, 2003
				First Named Inventor	Jin-seung SOHN
				Art Unit	2653 (Parent)
				Examiner Name	G. Letscher (Parent)
Sheet	2	of	3	Attorney Docket Number	Q78520

U.S. PATENT DOCUMENTS					
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		US			
		US			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	11-025585	A	1/1999		Abstract
		JP	11-086428	A	3/1999		Abstract
		JP	11-069707	A	3/1999		Abstract
		JP	11-096660	A	4/1999		Abstract
		JP	10-208374	A	8/1999		Abstract
		JP	11-098759	A	4/1999		Abstract
		JP	10-309059	A	11/1998		Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	GEORGE LETSCHER	Date Considered	2/13/05
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
[Handwritten Initials]		EP	0 829 872	A2	03/18/1998		
		WO	98/03974		01/29/1998		
		JP	62-24052		02/87		
		JP	1-243604		09/98		
		JP	11-4558		01/99		
		EP	0 434 270	A2	06/26/1991		
		JP	2-139758		05/29/1990		
		JP	3-86968		04/11/1991		
		JP	10-83622		03/31/1998		
		JP	10-92094		04/10/1998		
		JP	58-133673		08/09/1983	NEC CORP	
		WO	93/23687		11/25/1993	Gary TAYLOR et al.	
		CN	1089700	A	07/20/1994		
		WO	82/04363		12/1982		
		JP	11-113213		4/1999		
[Handwritten Initials]		EP	836-185	A2	4/1998		
		JP	59-112402		6/1984		
		JP	11-39787		2/1999		
		JP	11-154371		6/1999		
		JP	11-203776		7/1999		
		JP	11-206067		7/1999		
		JP	11-275805		10/1999		
		JP					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		PATENT ABSTRACTS OF JAPAN, vol. 014, no. 376 (P-1092), 8/14/90 & JP 02 139758 A (CANON INC) 5/29/90 *abstract	
		PATENT ABSTRACTS OF JAPAN, vol. 015, no. 266 (P-1223) 7/5/91 & JP 03 086968 A (FUJITSU LTD) 4/11/91 *abstract	
		Transactions of the Japan Society of Mechanical Engineers, June 1979, pp. 645-652	

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/714,631
Confirmation Number	3244
Filing Date	November 18, 2003
First Named Inventor	Jin-seung SOHN
Art Unit	2655
Examiner Name	G. Letscher (Parent)
Attorney Docket Number	Q78520

## **U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)		
		<del>US 4,730,299</del>		<del>03/08/1988</del>	<del>KAMOSHITA et al.</del>
		<del>US 5,256,037</del>		<del>10/26/1993</del>	<del>CHATELAIN</del>
		US			
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		<del>CN</del>	<del>1089700</del>	<del>A</del>	<del>07/20/1994</del>		
		<del>JP</del>	<del>03-086968</del>		<del>04/11/1991</del>	<del>FUJITSU LTD.</del>	<del>Abstract</del>
		<del>JP</del>	<del>59-112402</del>		<del>06/28/1984</del>	<del>TOSHIBA CORP.</del>	<del>Abstract</del>

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Examiner Signature

GEORGE LETSCHER

Date Considered

5/13/05

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DUPLICATE #2		JP	2-139758		05/29/1990	CANON INC	Abstract
		JP	7-192368		07/28/1995	TANASHIN DENKI CO	Abstract

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